

Technologies for “Pushing the Envelope”

(This was produced by a sub-group, not yet reviewed by the entire group)

1. Low cycle time, customized aircraft design, mfg, certification, and operations, using international factories and design centers.

- Responsive to changeable, highly competitive market

2. Accident resistant, and survivable aircraft

- to weather, human error, human anger

3. Integrated Aviation Information System

- passenger interface
- diagnostics, maintenance tracking
- security, safety
- operations

4. Very flexible and cost-effective short haul aircraft

- perhaps VTOL

5. Fast, efficient, large, long haul aircraft

- supersonic long haul
- perhaps higher speed intra-continental aircraft

6. Global affordable ATM system for high volume traffic

- minimum ground systems

7. Robotic aircraft for civil and military applications

- Cargo carriers
- US averse to human loss in foreign regional conflict